



| UNITED STATES OF AMERICA | | OFGS FILE NO. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|---|---------|--------------------|--------------------------------------|---|-------|------------|------------------|---|--|--|--|--|--|--|--|--|-------------------------------------|--------------------------------------|--|--|--|--|--|--|--|--|--|--|---|---|-------------------------------|--|--|--|--|--|--|--|---|-------------------------------|---|--|--|---|--|--|
| COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION | | P/4535-2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that I verily believe that I am the original, first and sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are named) of the subject matter which is claimed and for which a patent is sought on the invention entitled:</p> <p><u>SCREENING OF EXPRESSION PROFILE OF MUSCLE SPECIFIC GENES EXPRESSED BY GROWING STAGES IN SWINE AND FUNTIONAL CDNA CHIP PREPARED BY USING THE SAME</u></p> <p>the specification of which is attached hereto, unless the following box is checked:</p> <p><input checked="" type="checkbox"/> was filed on <u>02/27/04</u> as United States patent Application Number or PCT International patent application number <u>10/788,576</u> and was amended on _____ (if any).</p> <p>I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.</p> <p>I acknowledge the duty to disclose all information known to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56.</p> <p>I hereby claim priority benefits under Title 35, United States Code §119 of any foreign application(s) for patent or inventor's certificate or United States provisional application(s) listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:</p> <p>Prior Foreign or Provisional Application(s)</p> <table border="1" style="width:100%; border-collapse: collapse;"><thead><tr><th style="width:25%;">COUNTRY</th><th style="width:25%;">APPLICATION NUMBER</th><th style="width:25%;">DATE OF FILING (day, month, year)</th><th style="width:25%;">PRIORITY CLAIMED UNDER 35 U.S.C. 119</th></tr></thead><tbody><tr><td>Korea</td><td>2003-83650</td><td>24-November-2003</td><td>YES <input checked="" type="checkbox"/> NO <input type="checkbox"/></td></tr><tr><td> </td><td> </td><td> </td><td>YES <input type="checkbox"/> NO <input type="checkbox"/></td></tr><tr><td> </td><td> </td><td> </td><td>YES <input type="checkbox"/> NO <input type="checkbox"/></td></tr></tbody></table> <p>I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.</p> <table border="1" style="width:100%; border-collapse: collapse;"><thead><tr><th style="width:33%;">UNITED STATES APPLICATION NUMBER</th><th style="width:33%;">DATE OF FILING (day, month, year)</th><th style="width:34%;">STATUS (patented, pending, abandoned)</th></tr></thead><tbody><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr></tbody></table> <p>I hereby appoint customer no. 2352 OSTROLENK, FABER, GERB & SOFFEN, LLP, and the members of the firm, Samuel H. Weiner - Reg. No. 18,510; Robert C. Faber - Reg. No. 24,322; Max Moskowitz - Reg. No. 30,576; James A. Finder - Reg. No. 30,173; William O. Gray, III - Reg. No. 30,944; Louis C. Dujmich - Reg. No. 30,625, and Douglas A. Miro - Reg. No. 31,643, as attorneys with full power of substitution and revocation to prosecute this application, to transact all business in the Patent & Trademark Office connected therewith and to receive all correspondence.</p> <p>SEND CORRESPONDENCE TO: OSTROLENK, FABER, GERB & SOFFEN, LLP DIRECT TELEPHONE CALLS TO: 1180 AVENUE OF THE AMERICAS NEW YORK, NEW YORK 10036-8403 CUSTOMER NO. 2352 (212) 382-0700</p> <p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.</p> <table border="1" style="width:100%; border-collapse: collapse;"><tr><td style="width:40%;">FULL NAME OF SOLE OR FIRST INVENTOR Chul-Wook KIM</td><td style="width:30%;">INVENTOR'S SIGNATURE <i>Chulwook Kim</i></td><td style="width:30%;">DATE <i>March 30, 2004</i></td></tr><tr><td colspan="2">RESIDENCE (City and either State or Foreign Country) Gyeongsangnam-do, Republic of Korea</td><td>COUNTRY OF CITIZENSHIP Republic of Korea</td></tr><tr><td colspan="3">POST OFFICE ADDRESS 102-1401 Hanboeunbit Apt., Juyak-dong, Jinju-si 660-290, Gyeongsangnam-do, Republic of Korea</td></tr><tr><td>FULL NAME OF SECOND JOINT INVENTOR (IF ANY) Jung-Sou YEO</td><td>INVENTOR'S SIGNATURE <i>Jung sou Yeo</i></td><td>DATE <i>March 30, 2004</i></td></tr><tr><td colspan="2">RESIDENCE (City and either State or Foreign Country) Daegu, Republic of Korea</td><td>COUNTRY OF CITIZENSHIP Republic of Korea</td></tr><tr><td colspan="3">POST OFFICE ADDRESS 107-301 Hwaseongmansion, Jisan 2-dong, Suseong-gu, Daegu 706-092, Republic of Korea</td></tr></table> | | | | COUNTRY | APPLICATION NUMBER | DATE OF FILING (day, month, year) | PRIORITY CLAIMED UNDER 35 U.S.C. 119 | Korea | 2003-83650 | 24-November-2003 | YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> | | | | YES <input type="checkbox"/> NO <input type="checkbox"/> | | | | YES <input type="checkbox"/> NO <input type="checkbox"/> | UNITED STATES APPLICATION NUMBER | DATE OF FILING (day, month, year) | STATUS (patented, pending, abandoned) | | | | | | | | | | FULL NAME OF SOLE OR FIRST INVENTOR Chul-Wook KIM | INVENTOR'S SIGNATURE <i>Chulwook Kim</i> | DATE <i>March 30, 2004</i> | RESIDENCE (City and either State or Foreign Country) Gyeongsangnam-do, Republic of Korea | | COUNTRY OF CITIZENSHIP Republic of Korea | POST OFFICE ADDRESS 102-1401 Hanboeunbit Apt., Juyak-dong, Jinju-si 660-290, Gyeongsangnam-do, Republic of Korea | | | FULL NAME OF SECOND JOINT INVENTOR (IF ANY) Jung-Sou YEO | INVENTOR'S SIGNATURE <i>Jung sou Yeo</i> | DATE <i>March 30, 2004</i> | RESIDENCE (City and either State or Foreign Country) Daegu, Republic of Korea | | COUNTRY OF CITIZENSHIP Republic of Korea | POST OFFICE ADDRESS 107-301 Hwaseongmansion, Jisan 2-dong, Suseong-gu, Daegu 706-092, Republic of Korea | | |
| COUNTRY | APPLICATION NUMBER | DATE OF FILING (day, month, year) | PRIORITY CLAIMED UNDER 35 U.S.C. 119 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Korea | 2003-83650 | 24-November-2003 | YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | YES <input type="checkbox"/> NO <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | YES <input type="checkbox"/> NO <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| FULL NAME OF SOLE OR FIRST INVENTOR Chul-Wook KIM | INVENTOR'S SIGNATURE <i>Chulwook Kim</i> | DATE <i>March 30, 2004</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RESIDENCE (City and either State or Foreign Country) Gyeongsangnam-do, Republic of Korea | | COUNTRY OF CITIZENSHIP Republic of Korea | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| POST OFFICE ADDRESS 102-1401 Hanboeunbit Apt., Juyak-dong, Jinju-si 660-290, Gyeongsangnam-do, Republic of Korea | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FULL NAME OF SECOND JOINT INVENTOR (IF ANY) Jung-Sou YEO | INVENTOR'S SIGNATURE <i>Jung sou Yeo</i> | DATE <i>March 30, 2004</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RESIDENCE (City and either State or Foreign Country) Daegu, Republic of Korea | | COUNTRY OF CITIZENSHIP Republic of Korea | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| POST OFFICE ADDRESS 107-301 Hwaseongmansion, Jisan 2-dong, Suseong-gu, Daegu 706-092, Republic of Korea | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| UNITED STATES OF AMERICA COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION | | OFGS FILE NO. P/4535-2 | |
| FULL NAME OF THIRD JOINT INVENTOR (IF ANY) Jung-Gyu LEE | | INVENTOR'S SIGNATURE <i>Junggyu Lee</i> | DATE 20/03/2004 |
| RESIDENCE (City and either State or Foreign Country) Gyeongsangnam-do, Republic of Korea | | COUNTRY OF CITIZENSHIP Republic of Korea | |
| POST OFFICE ADDRESS 407 Deoksan Apt., #235-1, Ihyeon-dong, Jinju-si 660-080, Gyeongsangnam-do, Republic of Korea | | | |
| FULL NAME OF FOURTH JOINT INVENTOR, IF ANY Young-Min SONG | | INVENTOR'S SIGNATURE <i>Youngmin Song</i> | DATE March 20, 2004 |
| RESIDENCE (City and either State or Foreign Country) Gyeongsangnam-do, Republic of Korea | | COUNTRY OF CITIZENSHIP Republic of Korea | |
| POST OFFICE ADDRESS 109-1307 Hyundai Apt., Sangdae-dong, Jinju-si 660-320, Gyeongsangnam-do, Republic of Korea | | | |
| FULL NAME OF FIFTH JOINT INVENTOR, IF ANY Kwang-Keun CHO | | INVENTOR'S SIGNATURE <i>Cho KwangKeun</i> | DATE March 30, 2004 |
| RESIDENCE (City and either State or Foreign Country) Seoul, Republic of Korea | | COUNTRY OF CITIZENSHIP Republic of Korea | |
| POST OFFICE ADDRESS 203-1304 Samsungraemian Apt., Imun-dong, Dongdaemoon-gu, Seoul 130-080, Republic of Korea | | | |
| FULL NAME OF SIXTH JOINT INVENTOR, IF ANY Ki-Hwa CHUNG | | INVENTOR'S SIGNATURE <i>Chung Ki-hwa</i> | DATE March 20, 2004 |
| RESIDENCE (City and either State or Foreign Country) Gyeongsangnam-do, Republic of Korea | | COUNTRY OF CITIZENSHIP Republic of Korea | |
| POST OFFICE ADDRESS 103-709, Sangdaehanbo Apt., Sangdae 2-dong, Jinju-si 660-764, Gyeongsangnam-do, Republic of Korea | | | |
| FULL NAME OF SEVENTH JOINT INVENTOR, IF ANY Il-Suk KIM | | INVENTOR'S SIGNATURE <i>Kim iluk</i> | DATE 30/03/2004 |
| RESIDENCE (City and either State or Foreign Country) Gyeonggi-do, Republic of Korea | | COUNTRY OF CITIZENSHIP Republic of Korea | |
| POST OFFICE ADDRESS 10-202, Dongnamvilla, Maetan-dong, Paldal-gu, Suwon-si 442-370, Gyeonggi-do, Republic of Korea | | | |
| FULL NAME OF EIGHTH JOINT INVENTOR, IF ANY Sang-Keun JIN | | INVENTOR'S SIGNATURE <i>SangKeun Jin</i> | DATE 30/03/2004 |
| RESIDENCE (City and either State or Foreign Country) Gyeongsangnam-do, Republic of Korea | | COUNTRY OF CITIZENSHIP Republic of Korea | |
| POST OFFICE ADDRESS 101-903, Byucksandongsin Apt., #401, Pyeonggeo-dong, Jinju-si 660-110, Gyeongsangnam-do, Republic of Korea | | | |
| FULL NAME OF NINTH JOINT INVENTOR, IF ANY Su-Hyun PARK | | INVENTOR'S SIGNATURE <i>Suhyun Park</i> | DATE March 20, 2004 |
| RESIDENCE (City and either State or Foreign Country) Gyeongsangnam-do, Republic of Korea | | COUNTRY OF CITIZENSHIP Republic of Korea | |
| POST OFFICE ADDRESS #1-1, Jungan-dong, Jinju-si 660-010, Gyeongsangnam-do, Republic of Korea | | | |
| FULL NAME OF TENTH JOINT INVENTOR, IF ANY Ji-Won JUNG | | INVENTOR'S SIGNATURE <i>Jung Jiwon</i> | DATE March 20, 2004 |
| RESIDENCE (City and either State or Foreign Country) Gyeongsangnam-do, Republic of Korea | | COUNTRY OF CITIZENSHIP Republic of Korea | |
| POST OFFICE ADDRESS #275-73, Sangpyeong-dong, Jinju-si 660-340, Gyeongsangnam-do, Republic of Korea | | | |

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| UNITED STATES OF AMERICA COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION | | OFGS FILE NO. P/4535-2 |
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| FULL NAME OF ELEVENTH JOINT INVENTOR (IF ANY) Min-Jung LEE | INVENTOR'S SIGNATURE <i>Lee Minjung</i> | DATE March 30, 2004 |
| RESIDENCE (City and either State or Foreign Country) Gyeongsangnam-do, Republic of Korea | | COUNTRY OF CITIZENSHIP Republic of Korea |
| POST OFFICE ADDRESS #304-12, Hadae-dong, Jinju-si 660-330, Gyeongsangnam-do, Republic of Korea | | |
| FULL NAME OF TWELFTH JOINT INVENTOR (IF ANY) Eun-Jung KWON | INVENTOR'S SIGNATURE <i>Kwon Eunjung</i> | DATE March 30, 2004 |
| RESIDENCE (City and either State or Foreign Country) Gyeongsangnam-do, Republic of Korea | | COUNTRY OF CITIZENSHIP Republic of Korea |
| POST OFFICE ADDRESS 110-101, Geumhoseongnyumaeul, Juyak-dong, Jinju-si 660-770, Gyeongsangnam-do, Republic of Korea | | |
| FULL NAME OF THIRTEENTH JOINT INVENTOR (IF ANY) Eun-Segk CHO | INVENTOR'S SIGNATURE <i>Cho Eunsegk</i> | DATE 30/03/2004 |
| RESIDENCE (City and either State or Foreign Country) Gyeongsangnam-do, Republic of Korea | | COUNTRY OF CITIZENSHIP Republic of Korea |
| POST OFFICE ADDRESS 161-8, Juyak-dong, Jinju-si 660-290, Gyeongsangnam-do, Republic of Korea | | |
| FULL NAME OF FOURTEENTH JOINT INVENTOR (IF ANY) Hwok-Rai CHO | INVENTOR'S SIGNATURE <i>Cho Hwokrai</i> | DATE 30/03/2004 |
| RESIDENCE (City and either State or Foreign Country) Gyeongsangnam-do, Republic of Korea | | COUNTRY OF CITIZENSHIP Republic of Korea |
| POST OFFICE ADDRESS #1063, Dongdong-ri, Uiryeong-eup, Uiryeong-gun, Gyeongsangnam-do 636-803, Republic of Korea | | |
| FULL NAME OF FIFTEENTH JOINT INVENTOR (IF ANY) Sun-Min SHIN | INVENTOR'S SIGNATURE <i>Shin Sunmin</i> | DATE 30/03/2004 |
| RESIDENCE (City and either State or Foreign Country) Gyeongsangnam-do, Republic of Korea | | COUNTRY OF CITIZENSHIP Republic of Korea |
| POST OFFICE ADDRESS 101-1307, Jugong Apt., Gajwa-dong, Jinju-si 660-300, Gyeongsangnam-do, Republic of Korea | | |
| FULL NAME OF SIXTEENTH JOINT INVENTOR (IF ANY) Hee-Sun NAM | INVENTOR'S SIGNATURE <i>Nam Heesun</i> | DATE March 30, 2004 |
| RESIDENCE (City and either State or Foreign Country) Gyeongsangnam-do, Republic of Korea | | COUNTRY OF CITIZENSHIP Republic of Korea |
| POST OFFICE ADDRESS 1308 Woosinparkmansion, Ihyeon-dong, Jinju-si 660-080, Gyeongsangnam-do, Republic of Korea | | |
| FULL NAME OF SEVENTEENTH JOINT INVENTOR (IF ANY) Yeon-Hee HONG | INVENTOR'S SIGNATURE <i>Yeonhee Hong</i> | DATE 30/03/2004 |
| RESIDENCE (City and either State or Foreign Country) Gyeongsangnam-do, Republic of Korea | | COUNTRY OF CITIZENSHIP Republic of Korea |
| POST OFFICE ADDRESS 1-407 Yusinmansion, Ihyeon-dong, Jinju-si 660-080, Gyeongsangnam-do, Republic of Korea | | |
| FULL NAME OF EIGHTEENTH JOINT INVENTOR (IF ANY) Sung-Kwang HONG | INVENTOR'S SIGNATURE <i>Hong Sungkwang</i> | DATE 30/03/2004 |
| RESIDENCE (City and either State or Foreign Country) Gyeongsangnam-do, Republic of Korea | | COUNTRY OF CITIZENSHIP Republic of Korea |
| POST OFFICE ADDRESS San 100, Yangpo-ri, Jingyo-myeon, Hadong-gun, Gyeongsangnam-do 667-911, Republic of Korea | | |

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| UNITED STATES OF AMERICA COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION | | OFGS FILE NO. P/4535-2 |
| FULL NAME OF NINETEENTH JOINT INVENTOR (IF ANY) Yang-Su KANG | INVENTOR'S SIGNATURE <i>Kang yangsu</i> | DATE March 30, 2004 |
| RESIDENCE (City and either State or Foreign Country) Gyeongsangnam-do, Republic of Korea | | COUNTRY OF CITIZENSHIP Republic of Korea |
| POST OFFICE ADDRESS 102-1209 Daeyoung Apt., #654-2, Hadae-dong, Jinju-si 660-330, Gyeongsangnam-do, Republic of Korea | | |
| FULL NAME OF TWENTIETH JOINT INVENTOR (IF ANY) Young-Joo HA | INVENTOR'S SIGNATURE <i>Ha youngjoo</i> | DATE March 30, 2004 |
| RESIDENCE (City and either State or Foreign Country) Gyeongsangnam-do, Republic of Korea | | COUNTRY OF CITIZENSHIP Republic of Korea |
| POST OFFICE ADDRESS San 18, Geumjeong-ri, Gonyang-myeon, Sacheon-si 664-910, Gyeongsangnam-do, Republic of Korea | | |
| FULL NAME OF TWENTY-FIRST JOINT INVENTOR (IF ANY) Jeong-Man ROU | INVENTOR'S SIGNATURE <i>Rou Jeongman</i> | DATE 30/03/2004 |
| RESIDENCE (City and either State or Foreign Country) Gyeongsangnam-do, Republic of Korea | | COUNTRY OF CITIZENSHIP Republic of Korea |
| POST OFFICE ADDRESS #1463, Baekcheon-ri, Hamyang-eup, Hamyang-gun, Gyeongsangnam-do 676-804, Republic of Korea | | |
| FULL NAME OF TWENTY-SECOND JOINT INVENTOR (IF ANY) Suk-Chun KWACK | INVENTOR'S SIGNATURE <i>Kwack Sukchun</i> | DATE 30/03/2004 |
| RESIDENCE (City and either State or Foreign Country) Gyeongsangnam-do, Republic of Korea | | COUNTRY OF CITIZENSHIP Republic of Korea |
| POST OFFICE ADDRESS 106-1007 Hyundai Apt., #101, Hadae 2-dong, Jinju-si 660-778, Gyeongsangnam-do, Republic of Korea | | |
| FULL NAME OF TWENTY-THIRD JOINT INVENTOR (IF ANY) In-Ho CHOI | INVENTOR'S SIGNATURE <i>Choi inho</i> | DATE March 30, 2004 |
| RESIDENCE (City and either State or Foreign Country) Seoul, Republic of Korea | | COUNTRY OF CITIZENSHIP Republic of Korea |
| POST OFFICE ADDRESS 107-902, Gaehwa Apt., Banghwa-dong, Gangseo-gu, Seoul 157-220, Republic of Korea | | |
| FULL NAME OF TWENTY-FOURTH JOINT INVENTOR (IF ANY) Byeong-Woo KIM | INVENTOR'S SIGNATURE <i>Byeongwoo Kim</i> | DATE 30/03/2004 |
| RESIDENCE (City and either State or Foreign Country) Gyeongsangnam-do, Republic of Korea | | COUNTRY OF CITIZENSHIP Republic of Korea |
| POST OFFICE ADDRESS #147, Geumsan-ri, Sangdong-myeon, Miryang-si 627-841, Gyeongsangnam-do, Republic of Korea | | |